

Appl. No **09/834,833**  
AMENDMENT DATED March 13, 2006

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims**

**Claim 1 (currently amended): A method of copying a plurality of items implemented in a computer, the method comprising:**

if an item is a directory, spawning a new process; and  
if the item is a file, copying the file;  
wherein a current process in the computer performs the spawning or the copying;  
wherein the new process, if spawned, executes simultaneously or contemporaneously with [[a]] the current process that performs said spawning, and the new process performs [[the act of]] the spawning or the copying with another item in the directory; and  
wherein the current process ~~repeats the act of~~ performs the spawning or the copying with yet another item.

**Claims 2-3 (canceled).**

**Claim 4 (previously presented): The method of claim 1 further comprising, prior to the spawning:**

comparing a current number of processes, started for copying, with a limit; and waiting if the current number is greater than or equal to the limit.

**Claim 5 (withdrawn): A method of copying items implemented in a computer, the method comprising:**

creating a process if an item to be copied is a directory; and  
copying the item if the item is a file, and prior to the copying:  
increasing a limit on a resource; and  
using the resource at the increased limit during copying.

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**Claim 6 (withdrawn):** The method of claim 5 wherein: the resource is number of open files.

**Claim 7 (withdrawn):** The method of claim 5 wherein: the resource is file size.

**Claim 8 (withdrawn):** The method of claim 5 wherein: the resource is memory.

**Claim 9 (withdrawn):** The method of claim 8 wherein: the memory is organized as a stack.

**Claim 10 (withdrawn):** The method of claim 8 wherein: the memory is organized as a heap.

**Claim 11 (original):** The method of claim 1 wherein the copying comprises: transferring data from the file into a temporary buffer; locking the temporary buffer; and invoking a direct memory access (DMA) process for making a copy from the temporary buffer.

**Claim 12 (withdrawn):** A method of copying items implemented in a computer, the method comprising:

creating a process if an item to be copied is a directory; and  
copying the item if the item is a file;  
wherein prior to the copying: checking if the item is a link to itself, and performing said copying only if the item is not a link to itself.

**Claim 13 (withdrawn):** The method of claim 12 wherein: the checking includes a string comparison operation.

**Claim 14 (withdrawn):** A method of copying items implemented in a computer, the method comprising:

creating a process if an item to be copied is a directory; and  
copying the item if the item is a file;  
wherein during the copying: sending an email message if a resource at a destination is full;  
wherein the email message is sent to an email address of a user that started the method.

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**Claim 15 (withdrawn):** The method of claim 14 further comprising, during the copying:  
waiting to be restarted subsequent to sending the email message.

**Claim 16 (withdrawn):** The method of claim 15 wherein said waiting comprises: sending a  
signal to self to suspend execution.

**Claim 17 (withdrawn):** The method of claim 15 further comprising, during the copying:  
recopying said file from beginning, on being restarted.

**Claim 18 (withdrawn):** The method of claim 14 wherein:  
the email address is identified from a password file based on an identity of said  
user.

**Claim 19 (previously presented):** The method of claim 1 wherein:  
said spawning is performed only if said directory is not a current directory and not a  
parent directory.

**Claims 20-28 (canceled).**

**Claim 29 (currently amended):** An apparatus for copying items in storage media, the  
apparatus comprising:

means for spawning a process if an item to be copied is a directory; and  
means for copying the item if the item is a file;  
wherein each item is input to at least one of said means for spawning and said  
means for copying.

**Claim 30 (previously presented):** The apparatus of claim 29 further comprising:  
means for sending an email message if the means for copying encounters an error.

**Claim 31 (original):** The apparatus of claim 29 further comprising:

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means for increasing a limit on a resource to maximum.

**Claim 32 (original):** The apparatus of claim 29 wherein said means for copying comprises:  
means for using a temporary buffer; and means for using direct memory access (DMA).

**Claim 33 (original):** The apparatus of claim 29 further comprising:  
means for checking if the item is a link to itself.

**Claim 34 (previously presented):** The method of Claim 1 wherein:  
the process is started with an instruction to perform said method for each item in the  
directory.

**Claim 35 (previously presented):** The method of Claim 1 wherein:  
said process executes in parallel with any new process spawned by said repeating.

**Claim 36 (previously presented):** The method of Claim 1 wherein:  
the number of processes created by spawning corresponds to the number of  
directories to be copied.

**Claim 37 (previously presented):** The method of Claim 1 wherein:  
the item is from a list of items to be copied; and  
said another item and said yet another item are also from said list.

**Claim 38 (previously presented):** The method of Claim 1 further comprising:  
checking if the file is in a list of items to be excluded from copying; and  
performing said copying only if the file is not in said list.

**Claim 39 (previously presented):** The method of Claim 1 wherein:  
the file is copied to multiple destinations if specified by the user.

**Claims 40-42 (canceled).**

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Claim 43 (currently amended): A computer readable storage medium encoded with software, the software comprising instructions to archive an item in a computer by:

spawning a new process, if the item is a directory; and

copying the item, if the item is a file;

wherein a current process performs the spawning or the copying; and

wherein the new process if spawned executes simultaneously or contemporaneously with [[a]] the current process that performs said spawning.

Claim 44 (previously presented): A method of copying items implemented in a computer, the method comprising:

creating a process if an item to be copied is a directory; and

copying the item if the item is a file;

wherein at least one of said creating and said copying is performed for each item.

Claim 45 (new): The method of Claim 44 wherein:

the process calls a function to recursively spawn a plurality of child processes; and on return from the function, the process waits for all child processes to finish.

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